

| APPLICATION | | REVISIONS | | | |
|-------------|------------|-----------|-----------------------------------------------------------------------------------------------------------------|-----------------|----------------------|
| NEXT ASSY | USED ON | LTR | DESCRIPTION | DATE (YR-MO-DA) | APPROVED |
| | | X0 | (ZERO) | | |
| 12388841 | M1A2 - SEP | - | INITIAL PRODUCTION RELEASE ERR ASEP101-52 | 97-09-08 | LB TO |
| | | A | PRODUCTION BASELINE GDLT 8912 | 98-08-12 | SLH BME |
| | | B | (1)UPDATE REVISION STATUS BLOCK (2)CHANGE NOTE # 7 (3)CHANGE TABLE PER GDMY1030 99-10-09 | 99-05-08 | B.MARTIN VLG BEL |
| | | C | (1)UPDATE REVISION STATUS BLOCK (2)CHANGE VIEW TITLE BLOCK PG 1,2,3 (3)CHANGE TABLE PER GDMY1098 99-03-12 | 99-05-21 | B.MARTIN VLG BEL |
| | | D | REVISED PER (GDMY1149) 99-05-28 | 99-10-21 | B.MARTIN VLG BEL |
| | | E | REVISED PER (GDMY1684) 02/03/08 | 02/08/20 | B. MARTIN BJG LDS |



**CAUTION
ELECTROSTATIC
DISCHARGE SENSITIVE**

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|-------------------------|-------|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| REV | | | | | | | | | | | | | | | | | | | | |
| SHEET | | | | | | | | | | | | | | | | | | | | |
| REV STATUS OF SHEETS | REV | E | E | C | | | | | | | | | | | | | | | | |
| | SHEET | 1 | 2 | 3 | | | | | | | | | | | | | | | | |

ALTERED ITEM DRAWING

PART NO. **12388855**

| | | | | | |
|-----------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|---------------------------|
| PMIC CD | | CONTRACT NUMBER DAAE07-94-C-0727 | | DESIGN ACTIVITY U.S. ARMY TANK-AUTOMOTIVE COMMAND WARREN, MICHIGAN 48397-5000 | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACES 3 PLACES \pm — \pm — | | CONTRACTOR GENERAL DYNAMICS <i>Land Systems Division</i> | | MICROCIRCUIT, PROGRAMMED, CPLD.AIM I/O | |
| | | DRAWN BY R. KEMPTON | | | |
| PRODUCEABILITY ENGRG D.G. HINES | | CHECKER C. H. PETERSON | | | |
| MFG ENGRG W. WHITE | | ENGINEER D. CRAFT / E. BOUNI | | SIZE A | CAGE CODE 19207 |
| LOG. ENGRG J. JOHNSON | | DRAWING APPROVAL - GOVT | | 12388855 | |
| MATL ENGRG C.F. ZIMMERMAN | | DESIGN APPROVAL - GOVT | | SCALE NONE | UNIT W/T ——— |
| | | | | SHEET 1 OF 3 | |

1. Make the programmed part from CAGE code 67268, drawing number 5962-9154505MYX.
2. Precautionary packaging, handling and processing procedures shall be used to prevent damage from electrostatic, electromagnetic, and other environmental field forces
3. Microcircuit to be programmed by downloading bit patterns contained on magnetic media described on firmware control document 12388856.
4. Programming shall be in accordance with document number 12388857.
5. The part shall be programmed with the firmware version listed in Table 1.
6. The UVEPROM window shall be covered by an opaque label after programming.
7. The label shall be marked with contrasting color in appropriate character size. Marking information shall be printed on a polyimide film with an acrylic pressure sensitive adhesive and a printable coating (CAGE code IAA96. Part number LAT-25-652-10 or THT-1-426-10 or material equivalent and size to fit component).

The label shall contain the following information:

- a) TACOM CAGE code and part number: 19207-12388855
8. This drawing depicts Hardness Critical Item(s) (HCI) and (or) Hardness Critical Processes (HCP). All changes to or proposed substitutions of HCIs and (or) HCPs must be evaluated for hardness impacts by the engineering activity responsible for survivability.
9. For packaging requirements, refer to CAGE code 67268, drawing number 5962-91545, with the exception that the package marking shall reflect this drawing number/part number.

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| | | | | | |
|-----------------------------------------------------------------|------------------|---------------------------|-----------------|-------|---|
| TITLE MICROCIRCUIT, PROGRAMMED, CPLD. AIM I/O | SIZE A | CAGE CODE 19207 | 12388855 | | |
| | 02/06/20 | REVISION LEVEL | E | SHEET | 2 |



10. Only the item described on this drawing, when procured from the vendor(s) listed hereon, is approved by the U.S. Army Tank Automotive Command (TACOM), Warren, MI 48397-5000 for use in the application(s) specified hereon. A substitute item shall not be used without prior approval by TACOM.

TABLE 1.

| PART NUMBER | FIRMWARE VERSION | RELEASE DATE | CHECKSUM (HEX) |
|-------------|------------------|--------------|----------------|
| 12388855 | A.01 | 99-01-19 | 2EA4 |



DISTRIBUTION STATEMENT C. DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS FOR CONTROL OF CRITICAL TECHNOLOGY (07-08-17). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO SFAE-ASM-AB-S.

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| | | | | | |
|--------------------------------------------------------|-----------|--------------------|----------|-------|---|
| TITLE MICROCIRCUIT, PROGRAMMED, CPLD. AIM I/O | SIZE A | CAGE CODE 19207 | 12388855 | | |
| | 99-05-21 | REVISION LEVEL | C | SHEET | 3 |

